

FIG. 1

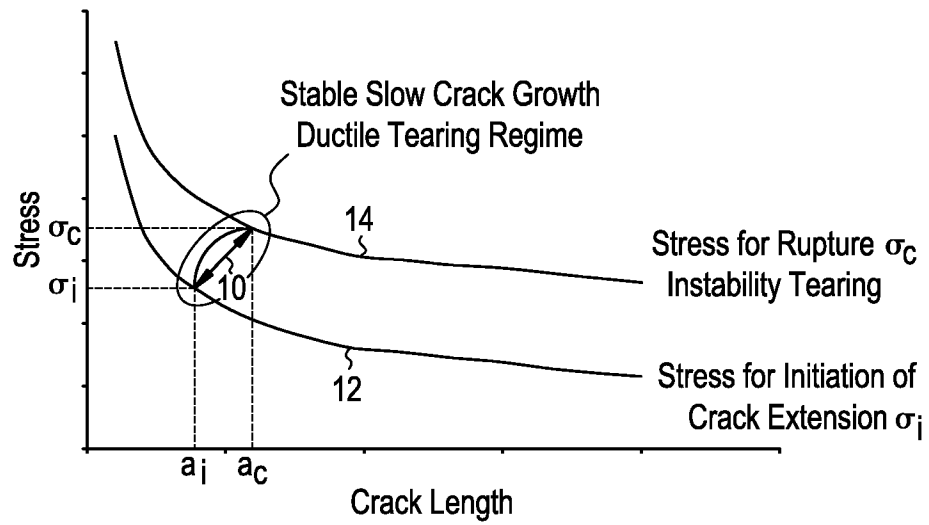


FIG. 2

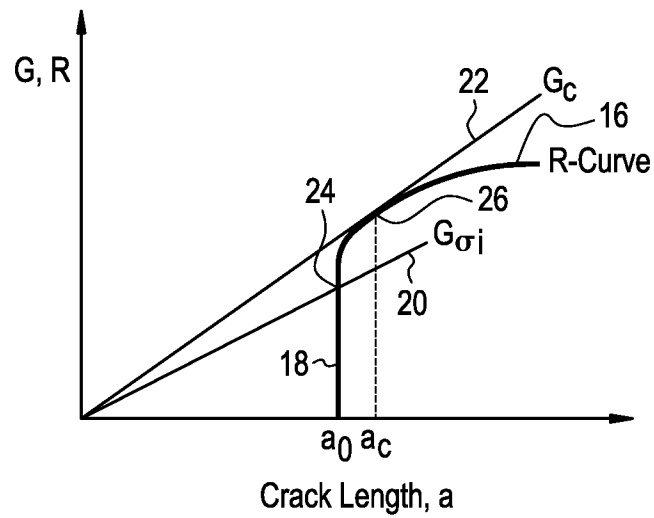


FIG. 3

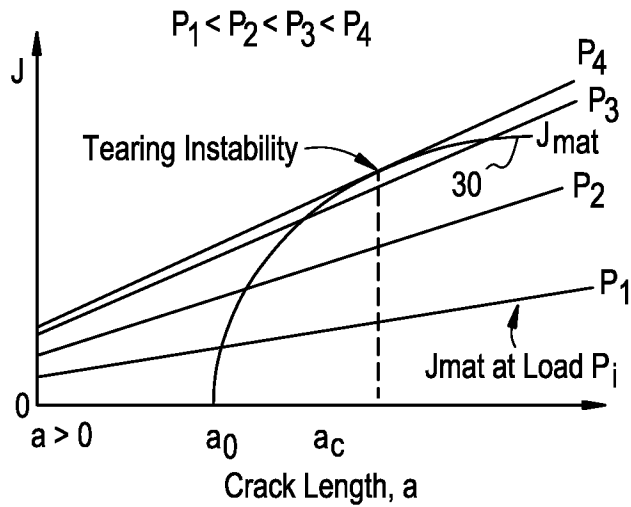


FIG. 4

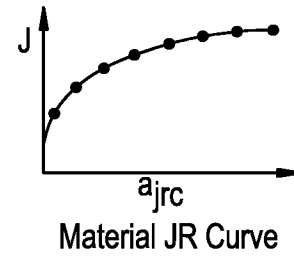


FIG. 5

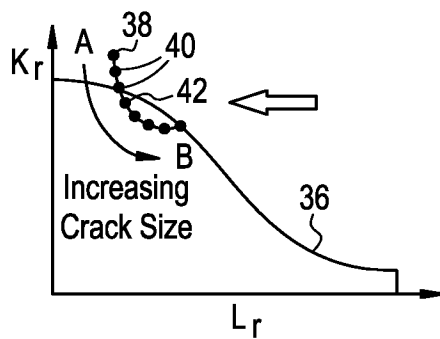
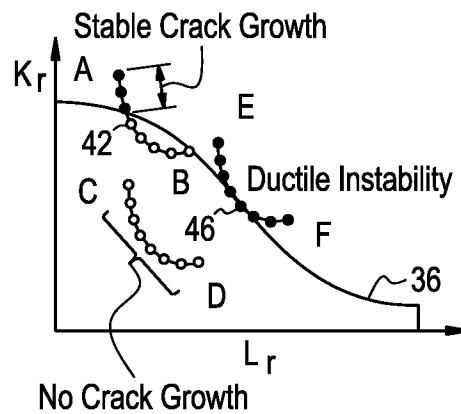


FIG. 6



3/4

FIG. 7

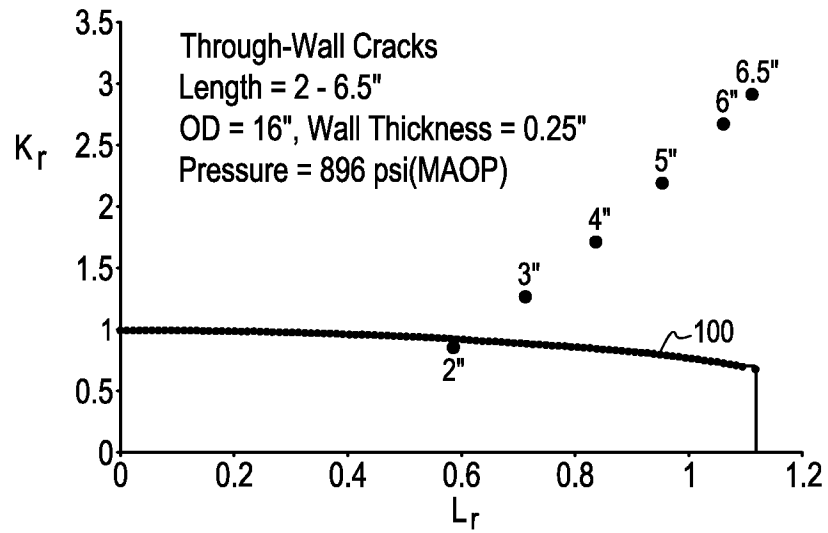


FIG. 8

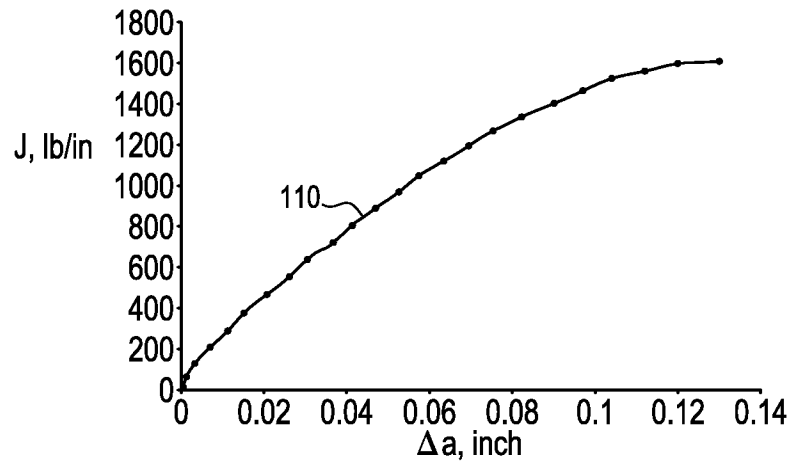


FIG. 9

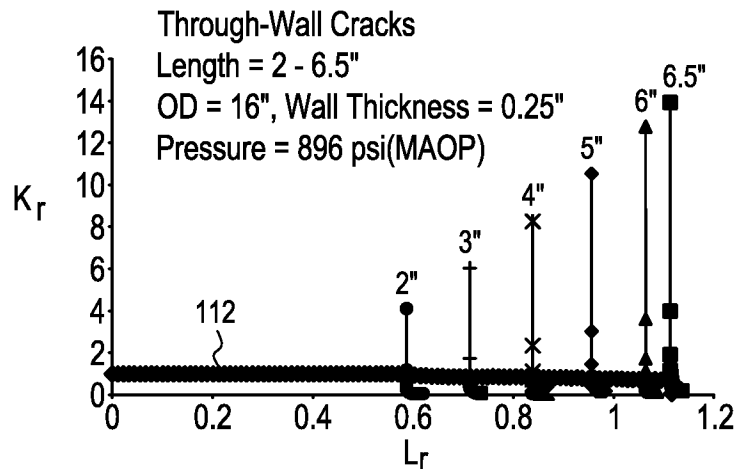
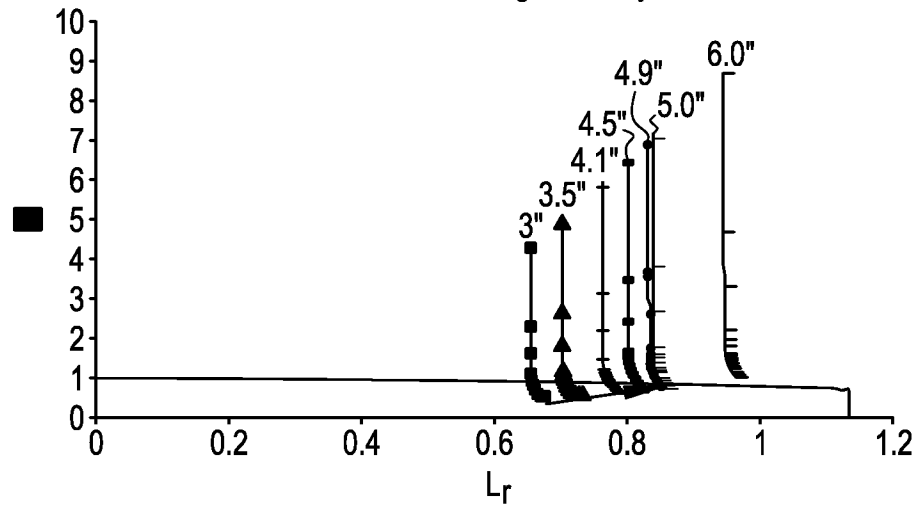


FIG. 10

Through thickness cracks
Critical size for tearing instability = 4.9"

**FIG. 11**

Surface Cracks (90% wt)
Critical size for tearing instability > 5"

